

**ASSEMBLY OF ICS WITH BLOCKING CAPACITORS AND PRINTED  
CIRCUIT BOARDS**

ABSTRACT

5 A method and arrangement for the advantageous assembly of  
blocking capacitors for an integrated circuit. An  
integrated circuit includes a BGA housing having a  
plurality of preferably ball-shaped connector pins. A  
printed circuit board is also provided, having conductor  
10 paths to which the housing of the integrated circuit is  
electrically and mechanically contacted by means of the  
connector pins. At least one blocking capacitor is  
spatially arranged between two connector pins of the  
housing and also between the printed circuit board and  
15 housing of the integrated circuit.